

Key Information about Planned Centers in the AM-TTC Initiative

This document provides key information about consortia that plan to establish an Advanced Manufacturing Technology Transfer Center (AM-TTC). It mentions the name, the focus area, the main contact person and further partners of centers that submitted a Full Proposal until 4 April 2019. The aim of the list is to give interested parties an overview about the planned centers in the AM-TTC initiative. The list may not provide all currently available information about the centers, but it will give interested parties some key information about the centers and the possibility to get in touch with the main contact or with other partners of a center consortium.

Acronym	Name	Focus Area	Main Contact	Further (signing) partners
ANAXAM	Applied Materials Analytics with Neutron and X-Ray Radiation	Consulting and development of specific infrastructure to provide industry efficient access to the capabilities in materials analytics at PSI	Christian Grünzweig, PSI	Vincenza Trivigno, Kanton Aargau Thierry Strässle, PSI Jürg Christener, FHNW Christian Schönenberger, SNI
BATTMAN	Battery Manufacturing	Production and optimization of batteries, including material synthesis, electrode production, cell production, battery pack, testing and diagnostics	Axel Fürst, BFH	
hipC	Hot Isostatic Pressing (HIP) for Additive Manufacturing (AM)	Operate a HIP machine and develop suitable process parameters for the post-treatment of AM parts affected by cyclic stress and fatigue	Felix Reinert, SIP Biel	Felix Kunz, SIP Biel
M2C	Micro-Manufacturing Science and Technology Center	Fabrication of micro-scale and high-precision components and systems, including laser micro-machining, 3D metal and multi-material printing	Bruno Studach, EPFL	Vivek Subramanian, EPFL G. Kotrotsios / M. Despont, CSEM P. Grize / F. Bircher, HES-SO
M4IVD	Manufacturing for In-Vitro Diagnostics	Development environment and modular pilot production line for In-Vitro Diagnostics (IVD) products, including Point-of-Care (POC) devices	Christian Bosshard, CSEM	Sören Fricke, CSEM

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m4m	Manufacturing Technologies for Medical Applications	Development and manufacturing of 3D printed medical implants on a production line that is integrated in a ISO 13485 certified QM system	Nicolas Bouduban, 41medical	Pierangelo Gröning, Empa Robert Frigg, 41medical
MP4	Mini Plant 4.0	Operate a pilot plant with innovative reactors and components to develop and test new processes to produce chemicals or pharmaceuticals	Andreas Zogg, FHNW	Benedikt Müller, FHNW
P4	Photonics 4.0	Identification, development and transfer of photonic manufacturing and packaging technologies, including coating, printing and machining	Werner Kruesi, Swissmem / Photonics	Christoph Harder, Swissphotonics
SMM	Sustainable Materials Manufacturing	Prototype production in the fields of wood and wood derived materials as well as 3D printing of renewable building blocks and natural fibers	Ingo Burgert, ETH Zürich	Ingo Mayer, BFH

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